



2011 PMOC Annual Meeting

FEDERAL TRANSIT ADMINISTRATION

Overseeing Design/Build Contracts

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Overseeing Design/Build Contracts

Trend to Design/Build (DB) Contracts is in part due to FTA New Starts Process

DB Contracts Oversight efforts on:

1. Mid Jordan LRT - \$535 million (UTA)
2. Dulles Corridor Metrorail Extension - \$3.14 billion (MWAA)
3. Central Florida Commuter Rail - \$357 million (FDOT)

Grantees Select DB Prior to FFGA

- Obtain Firm Fixed Price
- Multiple NTP's used on these Projects

Due to long construction duration, one of these projects contained contract price "Allowances"

Oversight Parameters

Treat DB oversight the same as other Projects

- Technical Capacity and Capability
- Functionality of Project Organization
- Experience and Skill Sets
- Adequate Procedures
- Sufficient Monitoring
- Adapt Monitoring Procedures to Recognize Transfer of Risk

Dulles Corridor Metrorail Extension

- Full-time PMOC presence overseeing design/construction since 2010
- NATM Tunnel
- O-I Guideway over existing WMATA Orange Line
- LG 2 with Route 123 in foreground
- LG 1 – TE Guideway at Route 123
- Wiehle Avenue Station Mezzanine
- W&OD Bridge and at-grade guideway along DIAAH & DTR

Dulles Corridor Metrorail Extension



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Dulles Corridor Metrorail Extension

Budget	Planned	Expended
SCC 10-50	\$1,526,898,626	\$391,488,098
SCC 60	\$67,631,026	\$50,541,437
SCC 70	\$211,629,775	\$9,557,938
SCC 80	\$716,271,902	\$465,762,757
SCC 90*	\$110,055,733	\$0
SCC 100	\$509,984,571	\$29,800,079
Total	\$3,142,471,863	\$945,150,309 (30.1% Complete)

Schedule	
Target Revenue Service	December 4, 2013
FFGA Revenue Service	December 1, 2014
Current Revenue Service	March 11, 2014

* Current Contingency Remaining is \$173 million

Observations in Oversight of DB Contracts

- Better upfront planning on delivery method pay off
- Typically after Final Design, Grantees request LNOPs to keep Project Moving before FFGA
- Grantees need to acquire Real Estate much earlier
- Early Agreements with Utilities
- Scope requirements need to be fixed early in project
- Utilize multiple NTPs to coincide with New Starts Milestones
- Lack of milestones for Design activities

Observations in Oversight of DB Contracts

- Need for Expedited Reviews by Authorities Having Jurisdiction (AHJs)
- Full-time Presence on Mega-Projects
- Projects over 3 years construction duration consider Commodity adjustments and approach to reduce market risks for scope of work performed beyond 3 year window
- Enhance Project Controls process to monitor costs and schedule
- Integrated Grantee Organization to Effectively Manage the project
- Difficult to Obtain Detailed Information from Grantees on Scope and Schedule since data resides with the DB

FTA Challenges

- Oversight Procedures – be flexible regarding project delivery method
- Guidance on use of LONPs on DB projects
- Easier to get information from Grantee than contractor

Questions / Comments